

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED ☒ GAS SUB REPORT/abd
 Location abandoned well never drilled, ~~3-18-82~~
 12-29-82

DATE FILED 8-5-81

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-47178

INDIAN

DRILLING APPROVED: ~~8-31-81~~ 9-2-81

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION 4748' 12-29-82

DATE ABANDONED: ~~MAY 18, 1982~~ LOCATION ABANDONED, WELL NEVER DRILLED

FIELD: WILDCAT 3/86

UNIT:

COUNTY: Grand

WELL NO. BUTLER CANYON UNIT USA #10-3

019
API # 43-047-30845LOCATION 365 ~~365~~ FNL FT. FROM (N) ☒ LINE. 1757 ~~1757~~ FWL FT. FROM ☒ (W) LINE.

NE NW

1/4 - 1/4 SEC 10

TWP

RGE

SEC

OPERATOR

TWP

RGE

SEC

OPERATOR

20S

17E,

10

TENNECO OIL CO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. USA U-47178
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME Butler Canyon
3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, CO 80155		8. FARM OR LEASE NAME Butler Canyon Unit USA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 342' FWL, 1767' FWL At proposed prod. zone same as above <i>NENW</i>		9. WELL NO. 10-3
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 11 miles NE of Green River Utah		10. FIELD AND POOL, OR WILDCAT Entrada Test, Wildcat
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any; unit boundary) Approx. 1 mile from		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 10, T20S, R17E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Approx. 2 miles		12. COUNTY OR PARISH Grand
16. NO. OF ACRES IN LEASE 7955		13. STATE Utah
19. PROPOSED DEPTH ±5600		17. NO. OF ACRES ASSIGNED TO THIS WELL Approx. 360
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* Sept. 1, 1981
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Ground 4748'		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" new	36#	±900'	Circulate to surface
8 3/4"	4 1/2" new	11.6#	±5000'	Cover all productive zones

Set ±120' of surface casing.

See attached drilling procedure.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 8-31-81

BY: M. J. Minder

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

R. A. Mishler

TITLE Senior Production Analyst

DATE August 12, 1981

(This space for Federal or State office use)

PERMIT NO. 43-015-30845

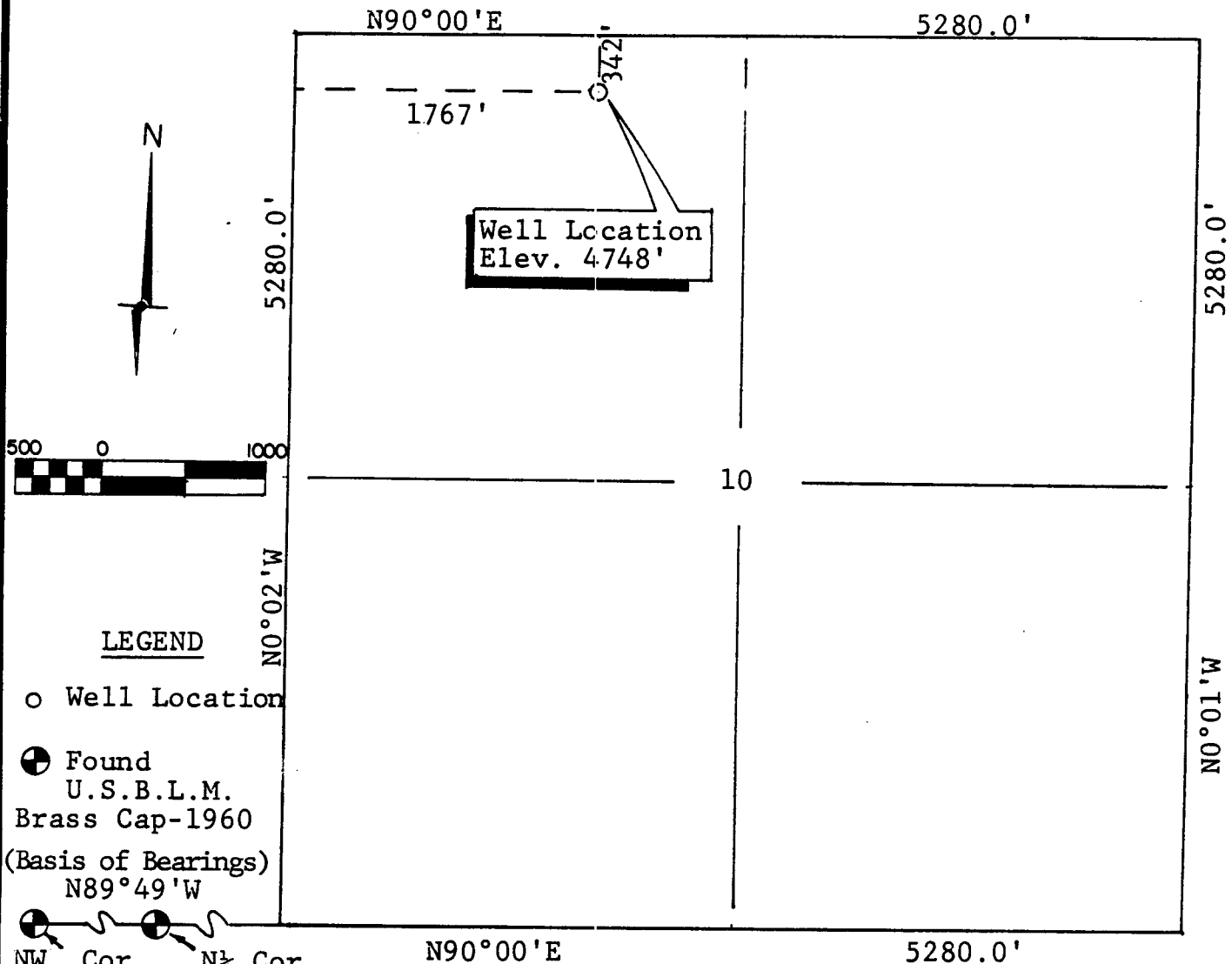
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



LEGEND

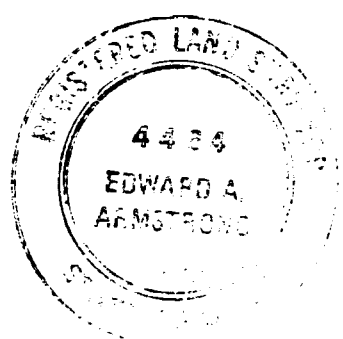
○ Well Location

⊕ Found
U.S.B.L.M.
Brass Cap-1960
(Basis of Bearings)
N89°49'W

NW Cor. N¼ Cor.
Section 16 Section 16
T20S,R17E T20S,R17E

WELL LOCATION

1767 Ft. E.W.L. - 342 Ft. S.N.L.
Section 10, T.20S., R.17E., S.L.B.&M.
Grand County, Utah



SURVEYOR'S CERTIFICATE

I, Edward A. Armstrong, a registered land surveyor in the State of Utah do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

Edward A. Armstrong
Edward A. Armstrong PE-18 4464

	ARMSTRONG ASSOCIATES, INC. ENGINEERS • SURVEYS • U.S. MINERAL SURVEYORS 861 Rood Avenue-Grand Junction, Colorado 81501-(303) 245-3861	
	SCALE 1"=1000' DATE 8-11-81 DRAWN BY DRS CHECKED BY EAA DATE OF SURVEY 8-7-81	TENNECO OIL Butler Canyon Unit USA 10-3
	FIGURE 1	JOB NUMBER 813535

TENNECO OIL COMPANY - 10 POINT PLAN

1. The geological name of the surface formation: Mesaverde
- 2 & 3. Estimated Formation Tops:

(See Attached Drilling Procedure)
4. Proposed Casing Program:

(See Attached Drilling Procedure)
5. Blowout Preventors:
Hydraulic double ram. One set of rams will be provided each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2". BOP's, drills and tests will be recorded in the driller's log. BOP will be tested every 24 hours and recorded in IADC Log.
6. Mud Program: (Sufficient quantity of mud and weight material will be available on location).

(See Attached Drilling Procedure.)
7. Auxiliary Equipment:
 - a. Kelly cock will be in use at all times.
 - b. Stabbing valve to fit drill pipe will be present on floor at all times.
 - c. Mud monitoring will be visual. No abnormal pressures are anticipated.
 - d. Floats at bits.
 - e. Drill string safety valve(s) to fit all pipe in drill string will be maintained on the rig floor while drilling operations are in progress.
8. Coring, Logging, and Testing Program:

(See Attached Drilling Procedure)
9. No abnormal pressures, temperatures or potential hazards such as H₂S are expected to be encountered.
10. The drilling of this well will start approximately Sept. 1, 1981) and continue for 20 to 25 days.

Your office will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations.

I. EXISTING ROADS

- A. Proposed Well Site Location: The proposed location was surveyed by a registered land surveyor and is located 342'FNL, 1767'FWL, Sec 10, T20S, R17E, Grand County, Utah
- B. Planned Access Route: The planned access route is mapped and described on exhibits 3 and 4.
- C. Access Road Labelled:
 - Color Code: Red - Improved surfaced roads
 - Blue - New access road to be constructed
- D. All existing roads within 3 miles of the proposed location are shown on exhibit 10.
- E. The existing roads are shown in Exhibits 3, 4 and 10.
- F. Existing Road Maintenance or Improvement:

The existing road will not require improvement. However, this road, along with the new access road, may require occasional grading to return the road surface to a cross section necessary for proper drainage.

II. PLANNED ACCESS ROUTE

- A. Route Location - (See exhibits 3 and 4)

The planned new access route was selected to provide the shortest distance to the well site with acceptable grades from the main connector road. Temporary access will be built initially. If the facility is productive, the temporary road will be improved as follows:

- 1. Width: The average dirt width will be 24 feet. The average traveled surface width will be 18 feet. New road will be 18' crown road within ditches as necessary to provide adequate drainage.
- 2. Maximum Grades: no grades on the new portion of the access road will exceed 8%.
- 3. Turnouts: Turnouts are not required
- 4. Drainage Design: Prior to construction of the new access road, the brush and topsoil will be windrowed to the uphill side of the alignment outside construction limits. The subgrade surface will be a minimum elevation of one foot above ditch grade. The road surface will be center crowned and the inslopes will have a maximum slope of 3:1 and fill slopes will be a maximum of 2:1.

5. Culverts Use, Major Cuts and Fills: No culverts or major cuts and fills are anticipated on the new portion of the access road.
6. Surfacing Material:

The proposed permanent access road will be constructed with native material.
7. Gates, Cattleguards, Fence Cuts: Not needed.
8. New portion of road will be center flagged.

III. LOCATION OF EXISTING WELLS

The proposed well is a wildcat. No wells exist within a 3 mile radius. Tenneco's Butler Canyon Unit USA #33-12 has been permitted and is located in the SW/4 of Sec 33, T19S, R17E, Grand County, Utah. The #33-12 is approximately 2 miles NW of the proposed #10-3.

In addition, we have staked a well in the SE/4 of section 3, approx. ½ mile ENE of the proposed location.

IV. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Existing facilities within one mile owned or controlled by Lessee/
Operator: N/A

B. New facilities in the event of production:

1. New facilities: May consist of a well head, condensate tank, production unit, meter house, all of which would remain within the disturbed area. Exhibit 8 shows our most typical arrangement for this area.
2. Dimensions of the facilities are shown in Exhibits 5 and 7.
3. Construction will be to strip the topsoil, level drilling pad. Dehydrator pits will be constructed with soil materials native to the site. Construction methods will be employed to assure that no drainage flows are impounded to prevent the loss of any hydrocarbon from the site. This is to be done in a manner to facilitate rapid recovery and clean up.
4. Protective measures to protect wildlife and livestock: Dehydrator pits shall be overhead flagged should any hydrocarbon material be present on the surface. The dehydrator pits shall be fenced to prevent entry of livestock or wildlife.

- C. Plan for rehabilitation of disturbed areas no longer needed for operations after construction completed:

Upon completion of well, areas required for continued use will be graded to provide drainage and minimize erosion. Those areas not required for continued useage will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with the surrounding topography. Topsoil will be replaced on those areas and seeded according to BLM specifications.

V. LOCATION AND TYPE OF WATER SUPPLY

- A. The water source is the State of Utah.

B. Water transporation system: Water to be hauled in trucks from a pit indicated on exhibit 10. The water pit is located in Sec 16 approx. 1 mile SW of the proposed well. The existing roads as mapped on exhibit 10 will be used to haul water. An alternate water supply is private water located in the town of Green River. If necessary, water will be hauled in trucks from Green River along the proposed access route.

- C. Water Wells: None

VI. SOURCE OF CONSTRUCTION MATERIALS

A. Materials:

Construction materials will consist of soil encountered with the boundaries of the proposed site. Topsoil will be stripped to a depth of six inches and stockpiled in an area that does not interfere with operations.

B. Land Ownership:

The planned site and access roads lie on Federal land administered by the United States Department of Interior, U.S. Bureau of Land Management. Existing access road is County road.

C. Materials foreign to site: N/A

D. Access road shown under Exhibits 3, 4 and 10.

VII. METHODS OF HANDLING WASTE MATERIALS

A. Cuttings:

Will be contained within the limits of the reserve pit.

B. Drilling fluids:

Will be retained in the reserve pit.

C. Produced fluids:

No substantial amount of water is expected. The amount of hydrocarbon that may be produced while treating will be retained in the reserve pit. Prior to clean up operations the hydrocarbon materials will be skimmed or removed as the situation would dictate.

D. Sewage:

Sanitary facilities will consist of at least one chemical toilet and after the completion of operations the sewage will be removed and disposed of at a legal and environmentally acceptable location.

E. Garbage:

A burn cage will be used to burn all flammable material. The small amount of refuse will be removed from the site and disposed of at a legal and environmentally acceptable location.

F. Clean up of well site:

After drilling, the surface of the drill pad will be cleaned and graded to accommodate a completion rig. The "mouse hole" and "rat hole" will be backfilled to prevent injury and hazard for livestock. Reserve pit will be fenced until dry and it can be backfilled and restored to natural terrain.

VIII. ANCILLARY FACILITIES

None required.

IX. WELL SITE LAYOUT

A. See Exhibits - 5 and 7.

1. Location of pits: See exhibits 5 and 7.
2. Rig Orientation: See exhibits 5 and 7.

B. Pits will be unlined, unless otherwise required.

X. PLANS FOR RESTORATION OF SURFACE

A. Reserve Pit Cleanup:

The pit will be fenced on 3 sides prior to drilling and on the 4th side prior to rig release and shall be maintained until cleanup. Prior to backfill operation, any hydrocarbon material on the pit surface will be removed. The fluids and solids contained in the pit shall be backfilled with soil excavated from the site and with soil adjacent to the reserve pit. The restored surface of the reserve pit will be contoured to prevent impoundment of any drainage flows. The gradient of the surface will be maintained to prevent sudden acceleration of drainage flows which could cause continued erosion of the surface. Following backfill completion, topsoil removed from the disturbed areas will be replaced in a uniform layer. The reserve pit will be seeded per Bureau of Land Management recommendation during the appropriate season following final restoration of the site.

B. Restoration Plans - Production Developed:

The reserve pit will be backfilled and restored as described under Item A. In addition, those disturbed areas not required for production will be graded to blend with the surrounding topography. Topsoil will be placed on these areas and seeded. The portion of the drill pad required for production and turning areas will be graded to minimize erosion and provide access to production facilities under inclement conditions. Following final improvement and surfacing of that portion of new access road, the topsoil windrowed to each side of the alignment will be placed on the cut slopes. Following depletion and abandonment of the site, restoration procedures will be those that follow under Item C.

C. Restoration Plans - No Production Developed:

Of course the reserve pit will be restored as described above. With no production developed, the entire surface disturbed by construction of the drilling pad will be restored to its natural terrain and re-seeded per Bureau of Land Management requirements.

XI. OTHER INFORMATION

A. **Surface Description:** The topography of the land is the arid canyonland variety typical of the "Book Cliffs" in east central Utah. The major drainage is left hand Tusher Canyon and flows generally southwesterly and eventually joins the Green River. Rock types are typically stratified sandstone with some layers of shale and conglomerates. The soil is generally poor and quite rocky. Vegetation of the subject area is sparsely covered with Juniper and Pinon Pine on the slopes and sagebrush in the lower areas and canyon bottoms.

B. **Other Surface-use Activities:** The surface is federally owned and managed by the BLM/USGS. Surface is presently used for minimal grazing activity.

C. **Proximity of Water, Dwelling, Historical Sites:**

1. **Water:** Tusher Canyon carries a light, intermittent flow of water.
2. **Occupied Dwellings:** Not existing.
3. **Historical Sites:** An archaeological reconnaissance has been performed for this location and report is on file with the appropriate USGS/BLM offices.

XII. OPERATOR'S REPRESENTATIVE

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

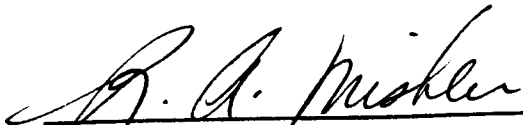
Donald Barnes
P.O. Box 3249
Englewood, Colorado 80155
Phone: (303) 740-4814

Robert A. Mishler
P.O. Box 3249
Englewood, Colorado 80155
Phone: (303) 740-4825

XIII. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: August 12, 1981


R. A. Mishler
Senior Production Analyst

TENNECO OIL COMPANY
ROCKY MOUNTAIN DIVISION
P.O. BOX 3249
ENGLEWOOD, CO 80155

DRILLING PROCEDURE

DATE: August 10, 1981

LEASE: Butler Canyon Unit USA

WELL NO: 10-3

LOCATION: 342' FNL, 1767' FWL
Section 10, T20S, R17E
Grand County, Utah

FIELD Wildcat

ELEVATION: 4748'

TOTAL DEPTH: ±5600'

PROJECTED HORIZON: Entrada

SUBMITTED BY: Tyler Hahn

DATE: August 10, 1981

APPROVED BY: Tom Dunning

DATE: 8/10/81

CC: Administration
DSB Well File
Field File

ESTIMATE FORMATION TOPS

Mesaverde	Surface
Mancos - Buck Tongue	380'
Castlegate (Gas or Water)	530'
Mancos "B" - Top	1480'
Mancos "B" - Base	2330'
Frontier	4030'
Dakota Silt (Gas)	4330'
Dakota (Gas)	4475'
Morrison (Gas)	4780'
Entrada (Gas)	5550'
T.D.	5600'

1. No abnormal pressures, temperatures; or H₂S is anticipated on this hole.
2. Reserve pit shall be fenced on 3 sides during drilling operations in order to comply with BLM and USGS regulations.

DRILLING, CASING, AND CEMENTING PROGRAM

1. MIRURT.
2. Set 3 joints of 13 3/8" casing at ± 120'.
3. Install 13 3/8" rotating head. Drill 12 1/4" hole to + 900' with mud. Run 9 5/8", 36#, K-55, ST&C casing to T.D. and cement with sufficient volume to circulate cement to surface.
4. WOC. Nipple up casing head, BOP's, rotating head, blowline and choke manifold. Pressure test BOP's, manifold, etc to 1000 psi for 15 minutes.
5. TIH with 8 3/4" bit. Drill out shoe and dry up hole. Drill 8 3/4" hole to TD with air or mist.
6. Log well per G.E. department recommendations.
7. If well is productive, RU and run 4 1/2", 11.6#, K-55, LT&C casing to T.D. Cement with sufficient volume to cover all possible productive zones.
8. If the well is non-productive, P & A as per Regulatory Agency Specifications.

CASING PROGRAM

SURFACE:	<u>±</u> 120' (3 joints) 13 3/8"
INTERMEDIATE:	0-900' 9 5/8", 36#, K-55 ST&C
PRODUCTION:	0-5600' 4 1/2", 11.6#, K-55, LT&C

MUD PROGRAM

0-900 Spud mud. Viscosity as needed to clean hole.
900-5600 Air or Air/Mist.

NOTE: Should the hole become wet or encounter large gas flows which require mud up, keep the weight as low as possible, vis as needed, and W.L. + 6 cc.

EVALUATION

Cores and DST's:

Possible sidewall core program.

Deviation Surveys:

0-900 Every 100' unless hole conditions prohibit running the surveys. Maximum deviation at T.D. 1°.
900-5600 Every 500' or on trips. Maximum deviation 1° per 100' or 6° at T.D.

Samples:

Samples to be taken at 20' intervals from surface casing to Frontier and at 10' intervals from Frontier to T.D. A two-man mud logging unit will be on location from surface casing to T.D.

Logs:

Surface Hole - as specified by G.E. Department.

Production Hole - as specified by G.E. Department.

BLOWOUT EQUIPMENT

1. Double rams hydraulic with pipe and blind rams operated by an accumulator.
2. Rotating head on air or air/mist holes.
3. Preventors must be checked for operation every 24 hours. This check must be recorded on the IADC Drilling Report Sheet.

REPORTS

Drilling Reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud cost, deviation surveys, and other pertinent information to be called into Division Office by 7:30 A.M. Monday thru Friday.

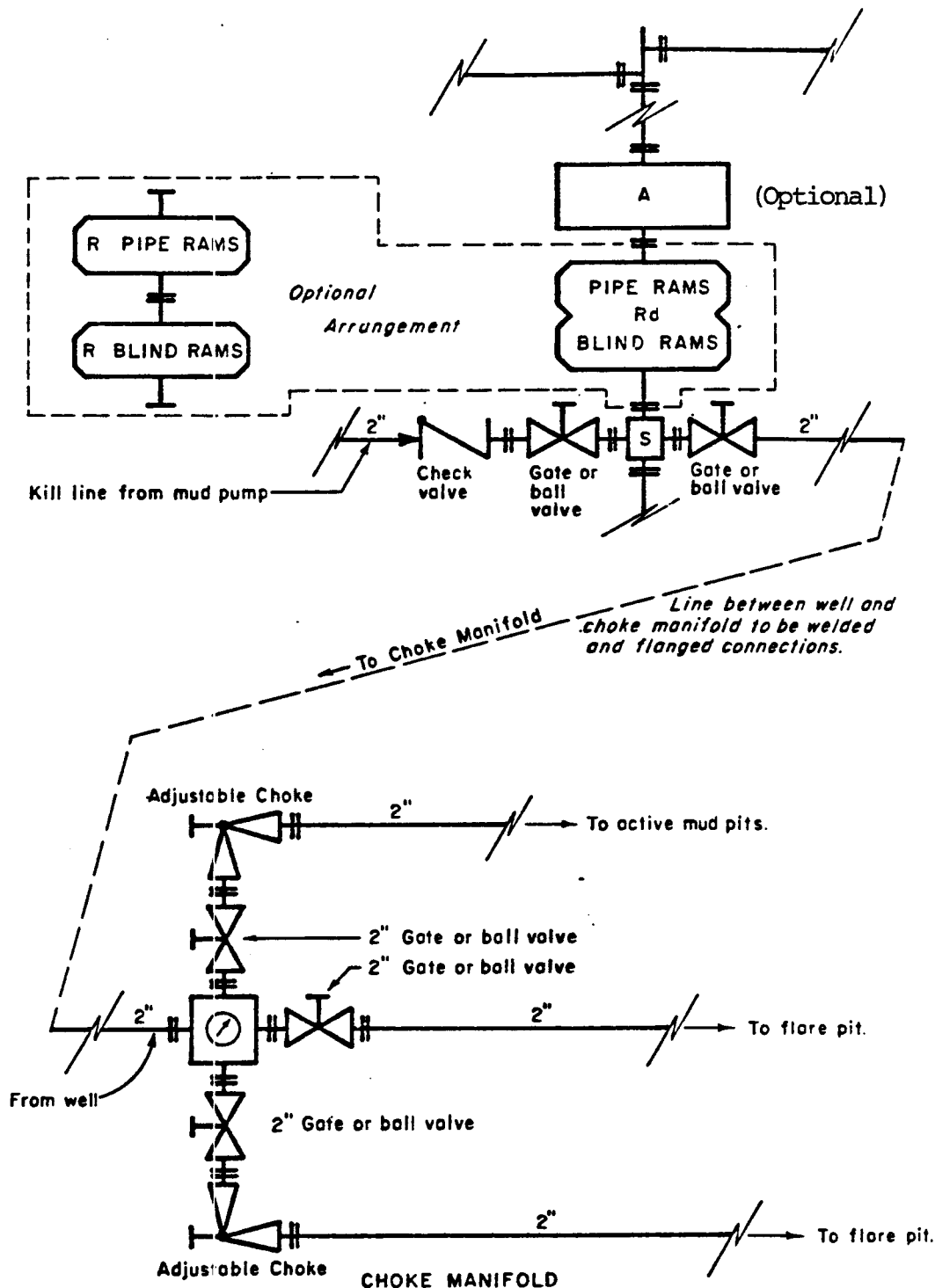
TENNECO OIL COMPANY
P.O. BOX 3249
ENGLEWOOD, COLORADO 80155
PHONE: 303-740-4800

Office Directory

Donald S. Barnes	740-4814
John W. Owen	740-4810
Tom Dunning	740-4813
Dale Kardash	740-4809

In case of emergency or after hours, call the following in the preferred order.

- | | |
|--|-----------------|
| (1) Donald S. Barnes | Office 740-4814 |
| Division Drilling Engineer | Home 936-0404 |
| (2) John W. Owen | Office 740-4810 |
| Senior Drilling Engineering Specialist | Home 795-0221 |
| (3) Mike Lacey | Home 797-2651 |
| Division Production Manager | |



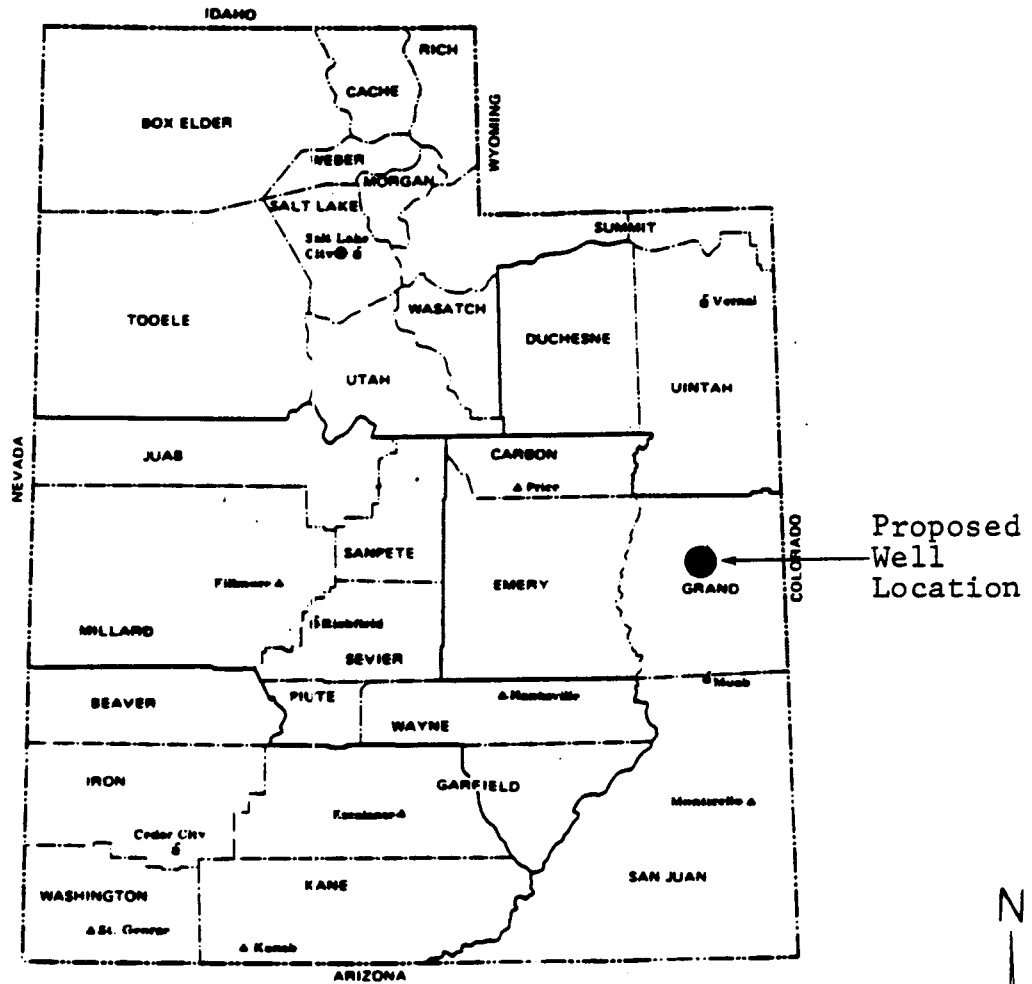
All equipment to be 3,000 psi working pressure except as noted.

- Rd Double ram type preventer with two sets of rams.
- R Single ram type preventer with one set of rams.
- S Drilling spool with side outlet connections for choke and kill lines.
- A Annular type blowout preventer. (Optional)

ARRANGEMENT B

TENNECO OIL COMPANY
 ROCKY MOUNTAIN DIVISION
 REQUIRED MINIMUM
 BLOWOUT PREVENTER AND
 CHOKES MANIFOLD

AREA MAP



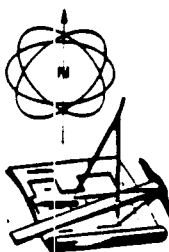
UTAH

Proposed Tenneco Oil
Butler Canyon Unit USA 10-3
Sec. 10, T.20S., R.17E., SLB&M
Grand County, Utah
15 miles north of Green River, Utah

LEGEND

- State Office
- District Office
- ▲ Area Office

— BLM District Boundaries
--- County Boundaries



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861 ROOD AVENUE -- GRAND JUNCTION, COLORADO 81501 -- (303) 245-3861

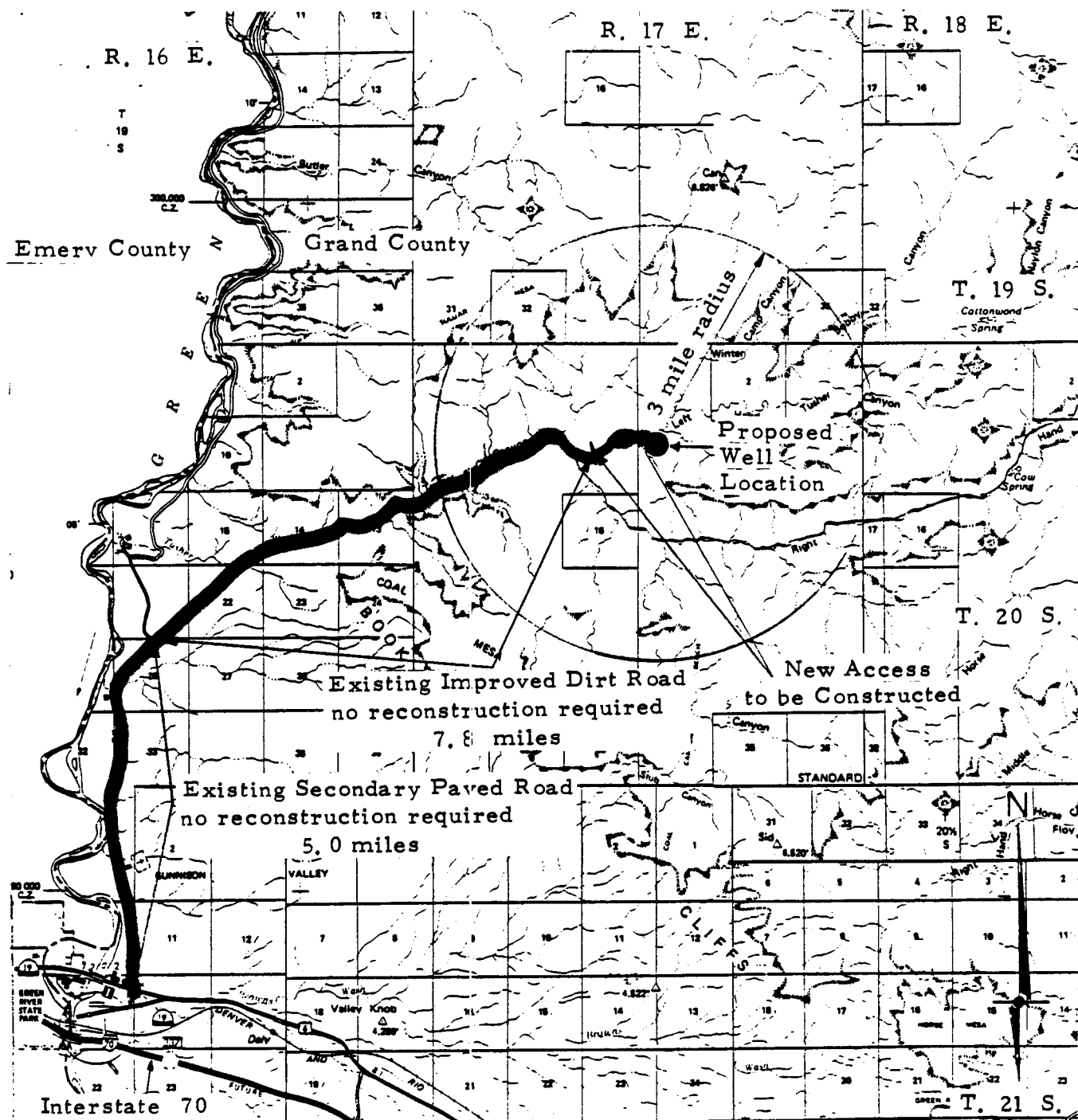
1" = 75mi
8/10/81
Morrison
J.A. Bare
8-7-81

Tenneco Oil
Butler Canyon Unit
USA 10-3

FIGURE 2

JOB NUMBER
813535

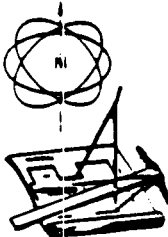
EXISTING ROADS



FROM:

General Highway Map
Grand County - Utah
1977

SCALE



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ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

As Shown

8/10/81

Morrison

J. A. Baro

877781

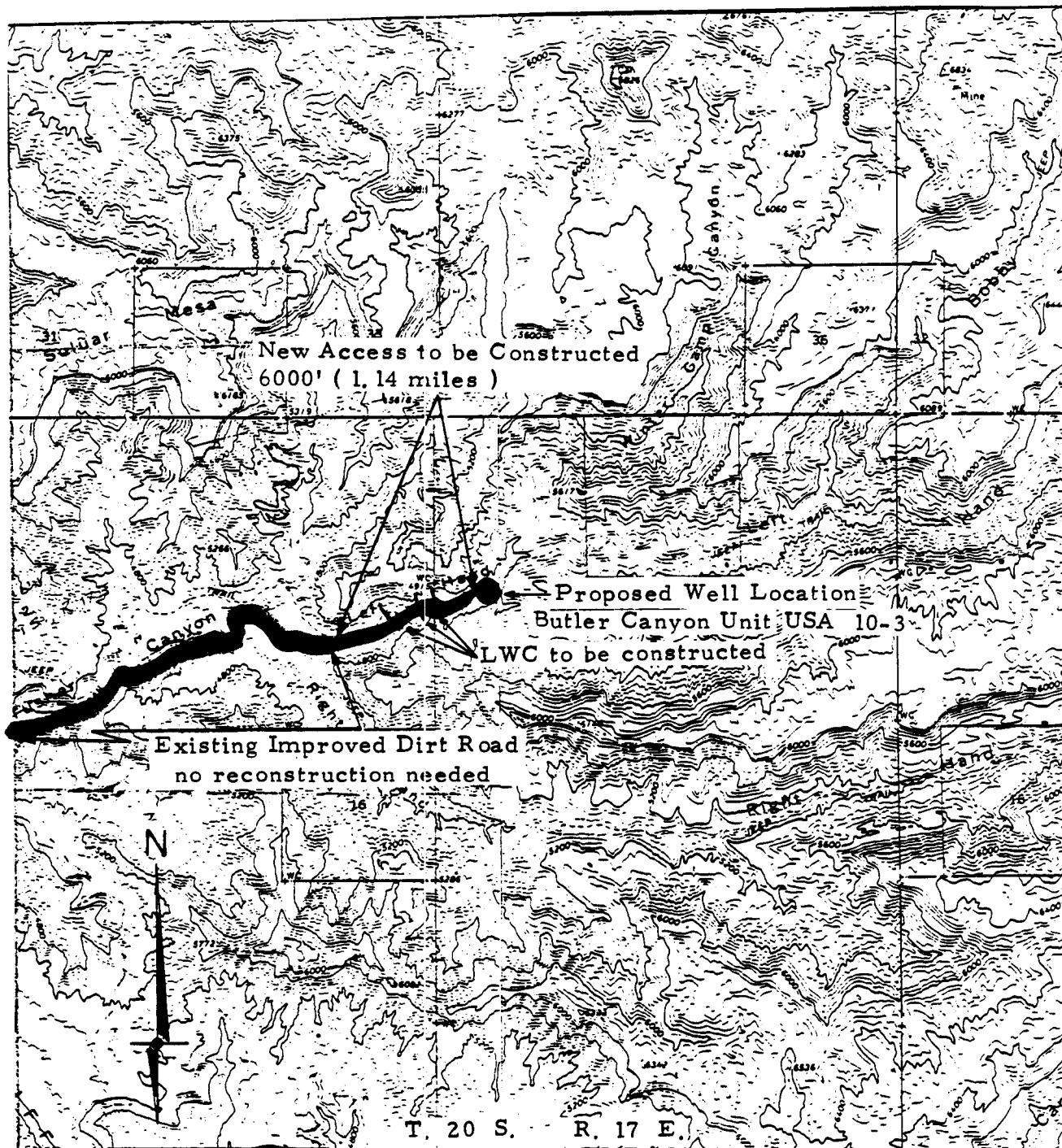
Tenneco Oil
Butler Canyon Unit
USA 10-3

FIGURE 3

JOB NUMBER

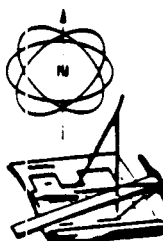
813535

PLANNED ACCESS ROADS



FROM:

Floy Canyon Quad.
USGS 15 min. series
Grand County, Utah
1963



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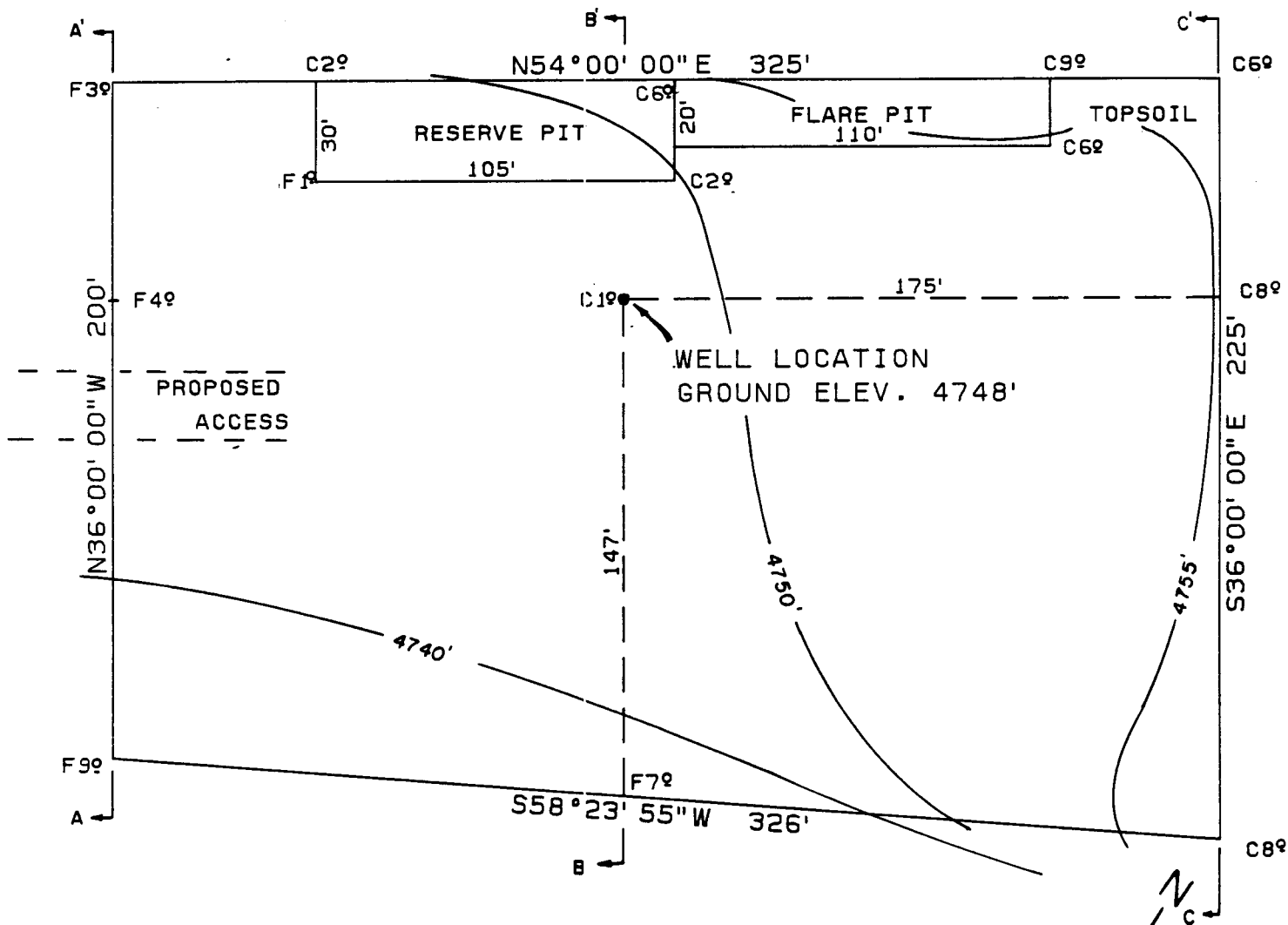
1/1 - 1 mile
8/10/81
Morrison
J.A. Bare
8/7/81

Tenneco Oil
Butler Canyon Unit
USA 10-3

FIGURE 4

JOB NUMBER
813535

PAD TOPOGRAPHY

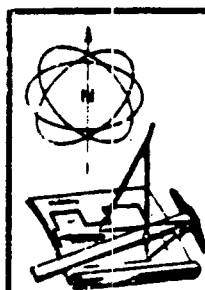


REF.PT. 220' EAST ELEV. 4755'

REF.PT. 200' SOUTH ELEV. 4741'

TYPICAL SOIL TYPE: SANDY SILT

VEGETATION: GREASEWOOD, 40% COVER



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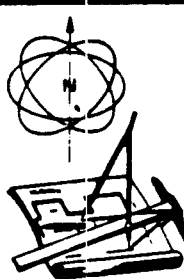
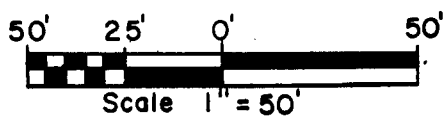
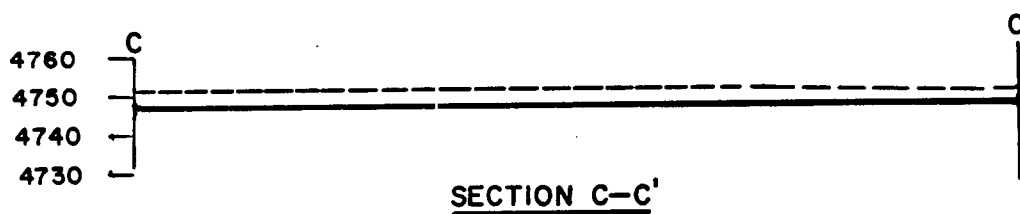
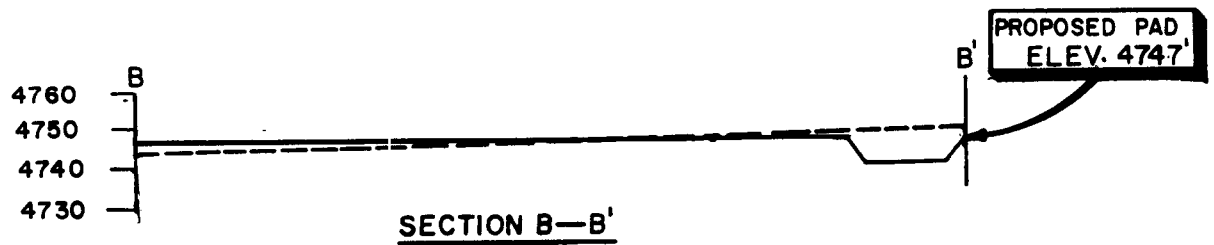
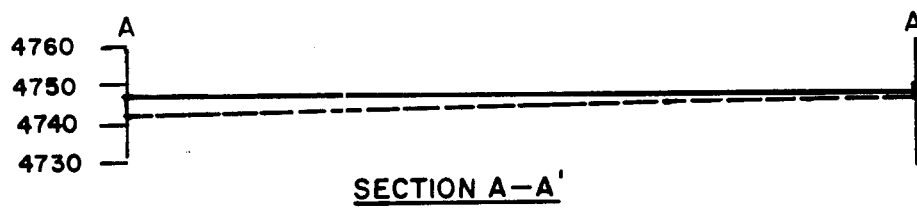
SCALE
1" = 50'
DATE
8/10/81
DRAWN BY
DRS
CHECKED BY
JRA
DATE OF SURVEY
8/7/81

TENNECO OIL

BUTLER CANYON UNIT USA 10-3

FIGURE 5

JOB NUMBER
813535



ARMSTRONG ENGINEERS and ASSOCIATES, INC.
ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

SCALE 1" = 50'

DATE 8/11/81

DRAWN BY RML

CHECKED BY

DATE OF SURVEY 8/7/81

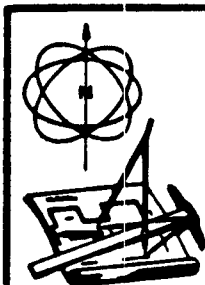
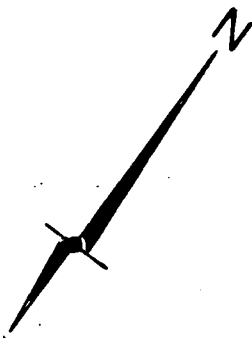
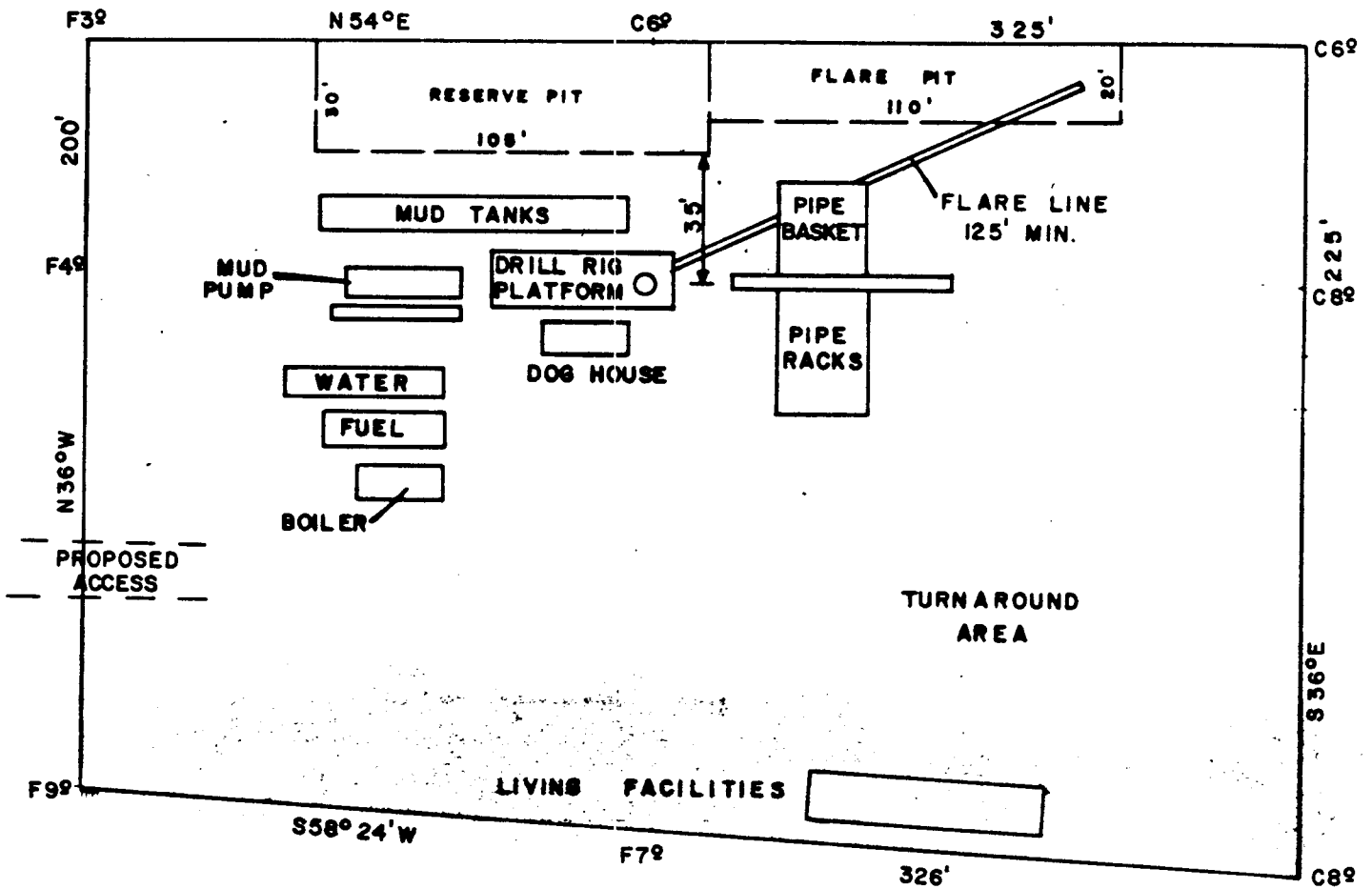
TENNECO OIL
BUTLER CANYON UNIT USA 10-3

FIGURE 6

JOB NUMBER
813535

RIG LAYOUT

7



ARMSTRONG ENGINEERS and ASSOCIATES, INC.
 ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING
 861 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

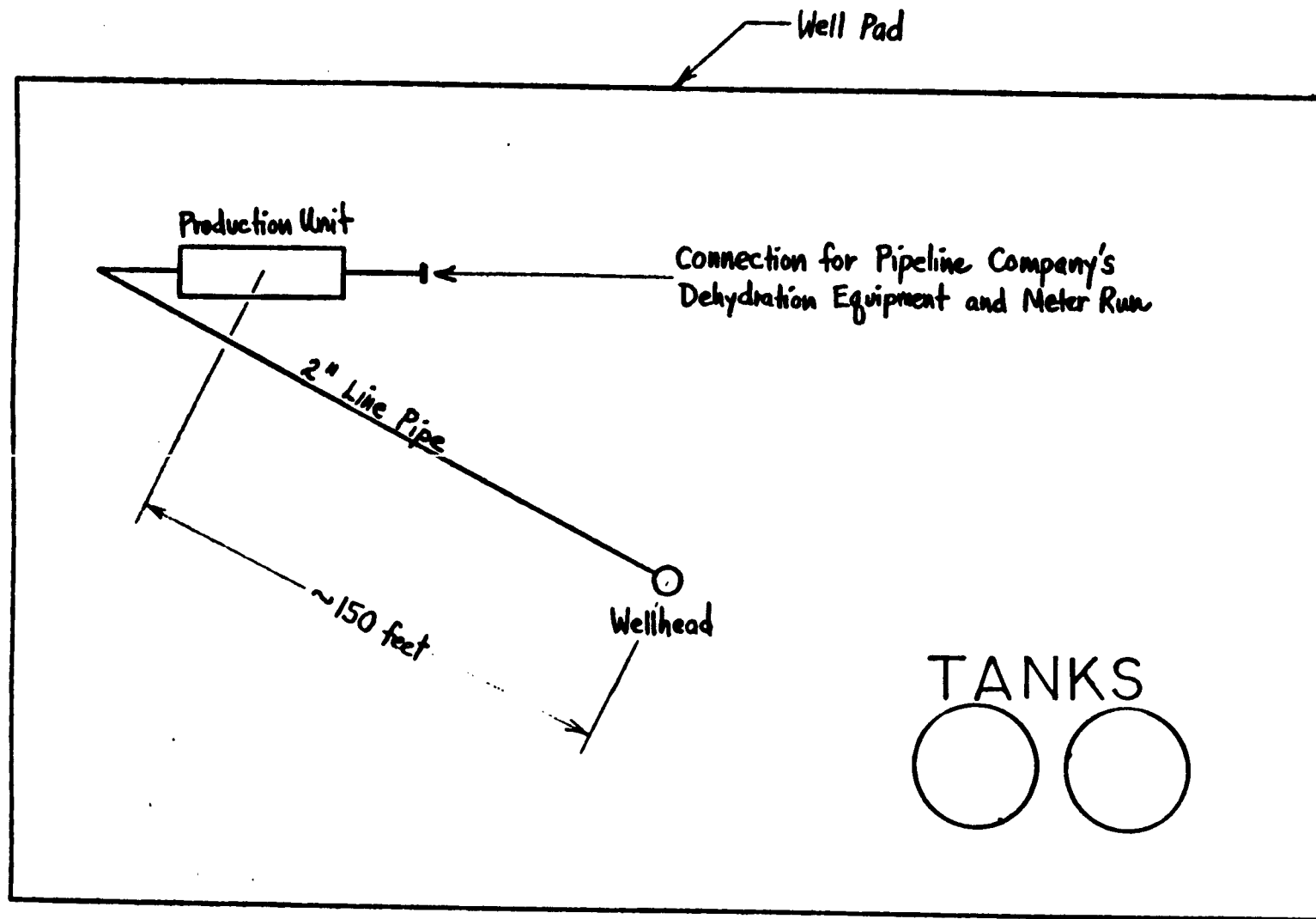
SCALE 1" = 50'
 DATE 8-11-81
 DRAWN BY DRS
 CHECKED BY JDA
 DATE OF REVISION 8-7-81

TENNECO OIL
 BUTLER CANYON UNIT USA 10-3

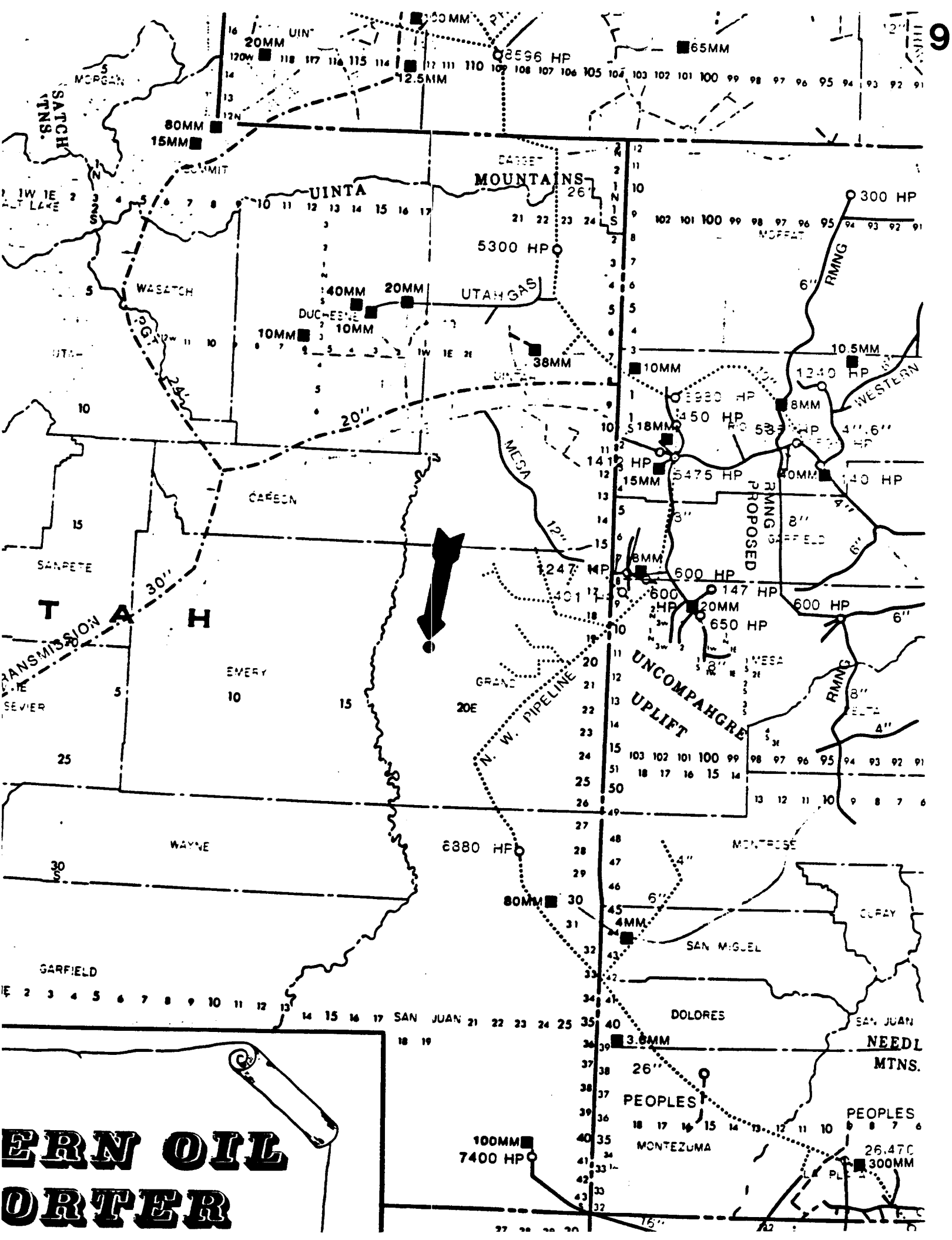
FIGURE 7

JOB NUMBER
 813535

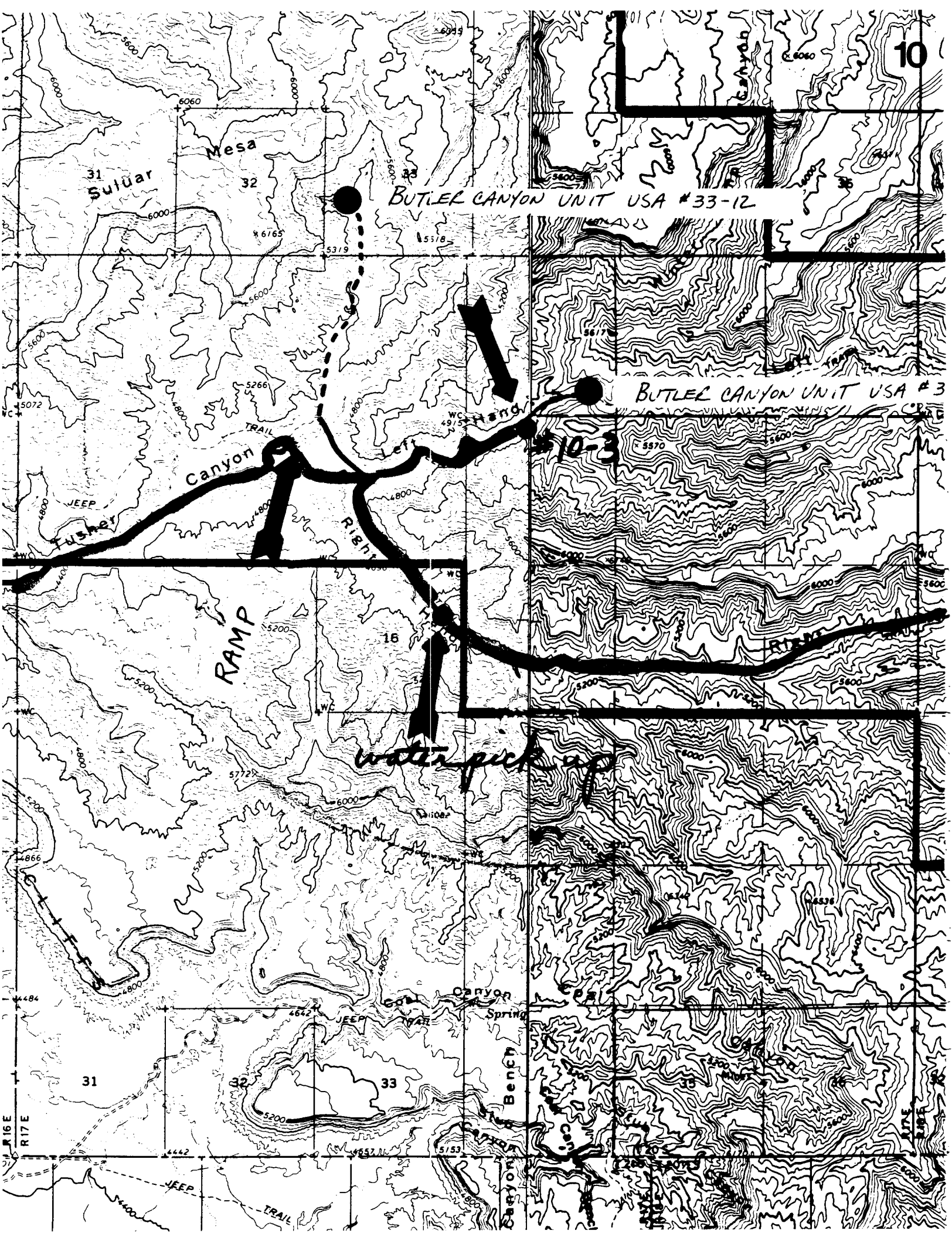
PROBABLE EQUIPMENT INSTALLATION



NOT TO SCALE



ERN OIL
ORTER



**** FILE NOTATIONS ****

DATE: Aug. 28, 1981

OPERATOR: Lennco Oil Co.

WELL NO: Butler Canyon Unit U.S.A. #10-3

Location: Sec. 10 T. 20S R. 17E County: Grand

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-019-30845

CHECKED BY:

Petroleum Engineer: H. J. Minder 8-31-81

Director: _____

Administrative Aide: Unit Well,

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Ad.

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

September 2, 1981

Tenneco Oil Company
P.O. Box 3249
Englewood, Colo. 80155

RE: Well No. Butler Canyon Unit #10-3,
Sec. 10, T. 20S, R. 17E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-3771
Home: 876-3001

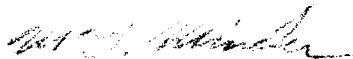
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30845.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface
342' FWL, 1767' FWL 365' FNL + 1757' FWLAt proposed prod. zone
same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

Approx. 11 miles NE of Green River Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) unit boundary

16. NO. OF ACRES IN LEASE

7958

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. Approx. 2 miles

19. PROPOSED DEPTH

±5600

17. NO. OF ACRES ASSIGNED
TO THIS WELL

Approx. 360

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Ground 4748'

22. APPROX. DATE WORK WILL START*

Sept. 1, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" new	36#	±900'	Circulate to surface
8 3/4"	4 1/2" new	11.6#	±5000'	Cover all productive zones

Set ±120' of surface casing.

See attached drilling procedure.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. R. A. Mishler
SIGNED R. A. Mishler TITLE Senior Production Analyst DATE August 12, 1981
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

FOR

E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

NOV 10 1981

CONDITIONS OF APPROVAL ATTACHED

TO OPERATOR'S COPY
*See Instructions On Reverse Side

NOTICE OF APPROVAL

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

L. Tate & G

Identification No. 582-81

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator TENNECO Oil COMPANY

Project Type GAS WELL

Project Location 365' FNL, 1757' FWL - SEC. 10-20S-17E

Well No. 10-3 Lease No. U-47178 / BUTLER CANYON UNIT

Date Project Submitted 8-17-81

FIELD INSPECTION

Date 8-25-81

Field Inspection
Participants

<u>GEORGE DIWACHAK</u>	<u>USGS</u>
<u>JEFF ROBBINS</u>	<u>BLM</u>
<u>R.A. MISHLER</u>	<u>TENNECO</u>
_____	_____
_____	_____
_____	_____
_____	_____

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

11/6/81

Date Prepared

George J. Diwachak
Environmental Scientist

I concur

NOV 06 1981

Date

W. M. Martin

District Supervisor

FOR E. W. GUNN
DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety	1 (11-4-81)			9			6	6 (8-25-81)	4,8
2. Unique charac- teristics	1 (11-4-81)			9			6	6 ↓	4,8,10
3. Environmentally controversial				9			6	6	4,8,10
4. Uncertain and unknown risks				9			6	6	4,8
5. Establishes precedents				9			6	6	4,8
6. Cumulatively significant				9			6	6	4
7. National Register historic places	1 (11-4-81)			9					
8. Endangered/ threatened species	1 (11-4-81)			9					
9. Violate Federal, State, local, tribal law	1 (11-4-81)			9			6	6	4,8

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application for Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS
9. ENVIRONMENTAL ASSESSMENT No. 582-81/590-81
FOR TENNECO Oil Co. PROPOSED LEFT HAND
TUSHER CANYON WELLS (REFERENCE DOCUMENT)
10. USGS CORRESPONDENCE



TENNECO 10-3

↑
W

RECOMMENDED STIPULATIONS

1. Federal Lease No. U-47178, issued August 1, 1981, lies within a Wilderness Unit under protest and as such is subject to certain regulations of the Federal Land Policy and Management Act of 1976 (FLPMA). These non-impairment regulations are set forth in the Interim Management Policy and Guidelines for Lands under Wilderness Review (IMP), and stipulated in lease U-47178. Because the unit is under appeal its status may change without prior notice. If the Interior Board of Land Appeals (IBLA) decides contrary to the Bureau of Land Management's recommendations to drop the Left Hand Tusher Canyon Region from further wilderness considerations, the wellsite and access road must be reclaimed beginning in 1986 with reseeded done during the fall of 1986. Lease U-47178 is subject to IMP until such time as Congress determines it shall be designated as Wilderness or the area is dropped from further consideration. If the IBLA accepts the BLM's recommendation for the Wilderness Unit, the activity will not be affected by wilderness regulations.

2. All construction and rehabilitation activities must adhere to the Wilderness Protection Stipulations of Federal lease U-47178 (copy attached).

3. See BLM Stipulations (attached).

4. The location will be moved 25 feet South-southwest. A drainage ditch will be excavated on the Northeast edge of the location down to the existing wash to carry any upper drainage waters away from the location. This drainage will need to be rip-rapped. Any earlier man-made structures will be avoided. The location must remain out of the wash near the Northeast edge.

5. Gamma Ray Logs shall be run behind the surface casing to identify coal beds.

6. All fresh water aquifers penetrated must be isolated with cement.

No!
See RE
report

UNITED STATES DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE

WILDERNESS PROTECTION STIPULATION

By accepting this lease, the lessee acknowledges that the following described lands are being inventoried or evaluated for their wilderness potential by the Bureau of Land Management (BLM) under section 603 of the Federal Land Policy and Management Act of 1976, 90 Stat. 2743 (43 USC Sec. 1782), and that exploration or production activities which are not in conformity with section 603 may never be permitted. Expenditures in leases on which exploration drilling or production are not allowed will create no additional rights in the lease, and such leases will expire in accordance with law.

Activities will be permitted under the lease so long as BLM determines they will not impair wilderness suitability. This will be the case either until the BLM wilderness inventory process has resulted in a final wilderness inventory decision that an area lacks wilderness characteristics, or in the case of a wilderness study area until Congress has decided not to designate the lands included within this lease as wilderness. Activities will be considered nonimpairing if the BLM determines that they meet each of the following three criteria:

(a) It is temporary. This means that the use or activity may continue until the time when it must be terminated in order to meet the reclamation requirement of paragraphs (b) and (c) below. A temporary use that creates no new surface disturbance may continue unless Congress designates the area as wilderness, so long as it can easily and immediately be terminated at that time if necessary to management of the area as wilderness.

(b) Any temporary impacts caused by the activity must, at a minimum, be capable of being reclaimed to a condition of being substantially unnoticeable in the wilderness study area (or inventory unit) as a whole by the time the Secretary of the Interior is scheduled to send his recommendations on that area to the President, and the operator will be required to reclaim the impacts to that standard by that date. If the wilderness study is postponed, the reclamation deadline will be extended accordingly. If the wilderness study is accelerated, the reclamation deadline will not be changed. A full schedule of wilderness studies will be developed by the Department upon completion of the intensive wilderness inventory. In the meantime, in areas not yet scheduled for wilderness study, the reclamation will be scheduled for completion within 4 years after approval of the activity. (Obviously, if and when the Interim Management Policy ceases to apply to an inventory unit dropped from wilderness review following a final wilderness inventory decision of the BLM State Director, the reclamation deadline previously specified will cease to apply.) The Secretary's schedule for transmitting his recommendations to the President will not be changed as a result of any unexpected inability to complete the reclamation by the specified date, and such inability will not constrain the Secretary's recommendation with respect to the area's suitability or unsuitability for preservation as wilderness.

(see reverse side)

The reclamation will, to the extent practicable, be done while the activity is in progress. Reclamation will include the complete recontouring of all cuts and fills to blend with the natural topography, the replacement of topsoil, and the restoration of plant cover at least to the point where natural succession is occurring. Plant cover will be restored by means of reseeding or replanting, using species previously occurring in the area. If necessary, irrigation will be required. The reclamation schedule will be based on conservative assumptions with regard to growing conditions, so as to ensure that the reclamation will be complete, and the impacts will be substantially unnoticeable in the area as a whole, by the time the Secretary is scheduled to send his recommendations to the President. ("Substantially unnoticeable" is defined in Appendix F of the Interim Management Policy and Guidelines for Lands under Wilderness Review.)

(c) When the activity is terminated, and after any needed reclamation is complete, the area's wilderness values must not have been degraded so far, compared with the area's values for other purposes, as to significantly constrain the Secretary's recommendation with respect to the area's suitability or unsuitability for preservation as wilderness. The wilderness values to be considered are those mentioned in section 2(c) of the Wilderness Act, including naturalness, outstanding opportunities for solitude or for primitive and unconfined recreation, and ecological, geological or other features of scientific, educational, scenic, or historical value. If all or any part of the area included within the leasehold estate is formally designated by Congress as wilderness, exploration and development operations taking place or to take place on that part of the lease will remain subject to the requirements of this stipulation, except as modified by the Act of Congress designating the land as wilderness. If Congress does not specify in such act how existing leases like this one will be managed, then the provisions of the Wilderness Act of 1964 will apply, as implemented by rules and regulations promulgated by the Department of the Interior.

☒ All the lands in the lease.

☐



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P.O. Box M
Moab, Utah 84532

IN REPLY REFER TO
3109
(U-068)

NOV 4 1981

Memorandum

To: Oil & Gas Office, USGS Conservation Division
2000 Administration Bldg.
1745 West 1700 S.
Salt Lake City, Utah 84104

From: Area Manager, Grand

Subject: Application to Drill
Tenneco Oil Well: 10-3 Butler Canyon Unit
Section 10, T. 20 S., R. 17 E.
Grand County, Utah

On August 25, 1981 a representative from this office met with George Diwachak, USGS, and Bob Mishler agent of the Tenneco Oil for an inspection of the above referenced location. Subject to the attached conditions and an approved application to drill from the USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

The lessee is advised that this lease lies within a unit under protest and as such is subject to certain regulation under the Federal Land Policy and Management Act of 1976 (FLPMA). These regulations are set forth in the Interim Management & Policy (IMP). Because this unit is under appeal its status may change without prior notice to the Usee. This WSA is subject to IMP until such time as Congress determines it shall be designated as Wilderness or drops the area from further consideration.

Please forward this information to Tenneco Oil Company.

Enclosures (3)
1-Reclamation Procedures
2-Suggested Color Hues
3-Seed Mixtures

ADDITIONS TO THE MULTIPOINT
SURFACE USE PLAN
AND
RECLAMATION PROCEDURES

CONSTRUCTION:

- 1). The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah (phone (801) 259-6111) for a pre-construction conference with the dirt contractor. When excavation begins, the dirt contractor at the proposed site will contact the Grand Resource Area Office. A BLM representative will be on the location at the beginning phases of the excavation.
- 2). The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work,.
- 3). Use of water from sources such as well, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
- 4). If subsurfacing cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
- 5). Improvement to the existing road will not be necessary. The total disturbed width allowed will be as is. The allowable travel surface will be as is. This existing road is the road being presently maintained up tusher canyon.

New construction will be limited to a total disturbed width of 24 feet. The allowable travel surface will be 20 feet. The new road construction will consist of upgrading an existing county road as discussed on the field exam. The new access will remain out of the wash as flagged during the field exam; otherwise the access will follow the county road. Low water crossings will be used at all wash crossings.

Topsoil will be saved along the route on the uphill side.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

LOCATION:

omit
see USGS
STEP #4 { The location will be moved 25 to 30 feet south southwest. On the northeast edge of the location, a drainage ditch will be excavated down to the existing wash to carry any upper drainage waters away from the location. This drainage will need to be rip-rapped. Any eariler man-made structures will be avoided. The location will remain out of the wash.

- 6). The top 8" inches of soil material will be removed from the location and stockpiled separate from the trees on the northwest side of the location behind stake "F" (Figure 5, NTL-6).
- 7). The reserve pit will not be lined. ~~Remove~~ The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over.
- 8). Three side of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 4 strand barbed wire.
- 9). This location is in a wilderness inventory unit under appeal (068A). Because the lease was granted in 1981, this proposed activity comes under the "nonimpairment" criteria of the interim management policy. If the Interior Board of Land Appeals accepts the BLM's recommendation in 068A, the proposed activity will not be affected by wilderness regulations.

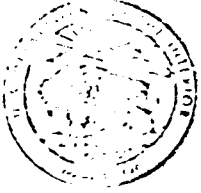
omit
see
USGS
STEP #1 {

Rehabilitation

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash pit/cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone (801)259-6111, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures. A BLM representative will direct the contractor on the specific recontouring needs at this time, so that the site will be substantially unnoticeable by the time the Secretary is scheduled to send his recommendations to the President.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 12 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
8. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any use/vehicle use.
9. If the interior Board of Land Appeals decides contrary to the BLM's recommendations, this proposed activity needs to be reclaimed including the access road up the left hand of tusher canyon beginning in the 1986, The restored areas will be seeded during the fall of 1986.

Production

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.
3. The drainage above the pad (northeast corner) will be re-opened to its original channel pathway if possible. If the location of the production facilities do not allow this, then the relocated channel will be re-enforced by whatever means necessary to avoid any flooding of the location.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Turnbleweed	(Pratt & Lambert)
Mesa Tan	-----
Sage Gray	(Pratt & Lambert)

Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

SEED MIXTURE

List #7

Drainage Bottoms;
perennial washes, from
Bookcliff to 1-70 in
Nash, Cottonwood, Ray,
Middle, E. Canyon, etc.

Species

Grasses

Hilaria jamesii

Galleta (Curlygrass)

1

~~Syntherisma tenax~~^{xx}

~~Aristida purpurascens~~

Sporobolus cryptandrus

Sand dropseed

1

Oryzopsis hymenoides

Indian Ricegrass

1

Forbs

Aster chilensis

Pacific aster

1/2

Helianthus annuus

Common sunflower
(Kansas sunflower)

1

Sphaeralcea coccinea

Scarlet globemallow

1/2

Shrubs

Eurotia lanata

Winterfat (Whitesage)

1

Atriplex canescens

Fourwing saltbush

1

7 #/ac.

U.S. GEOLOGICAL SURVEY - CONVENTIONAL DIVISION

FROM: STAFF GEOLOGIST, OIL & GAS, UNIT AGREEMENT SECTION, LAKEWOOD, CO.

TO: DISTRICT ENGINEER, OIL & GAS, SALT LAKE CITY, UT

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. USA U-47178

OPERATOR: TENNECO OIL COMPANY

WELL NO. #10-3

LOCATION: 342' FNL & 1767' FNL NE 1/4 NW 1/4 sec. 10, T. 20S, R. 17E, SLM
GRAND County, UTAH

1. Stratigraphy: The surface rocks are mesozoic (Burr
Brown Formation). The operator's estimated logs
appear reasonable.

2. Fresh Water:

Fresh / usable water may occur in the
sands of the mesozoic and in the Castlegate
Sandstone.

3. Leasable Minerals:

None.

4. Potential Geologic Hazards:

None anticipated by operator.

5. Additional logs Needed:

None.

6. References and Remarks:

* Protect all fresh water aquifers penetrated.
U.S.G.S. Bull. 852 (Fisher)

Signature:

Ronald E. Dunnington

Date: 9/24/81



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 6, 1982

Tenneco Oil Exploration & Production
P. O. Box 3249
Englewood, Colorado 80155

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Carl Furse

Carl Furse
Clerk Typist

Well No. Middle Canyon Unit #23-16
Sec. 23, T. 16S, R. 24E.
Grand County, Utah

Well No. Middle Canyon Unit #27-12
Sec. 27, T. 16S, R. 24E.
Grand County, Utah

Well No. TOC TXO POGO USA #15-9
Sec. 15, T. 17S, R. 24E.
Grand County, Utah

Well No. Sulphur Canyon Unit #17-9
Sec. 17, T. 18S, R. 24E.
Grand County, Utah

Well No. Butler Canyon USA #3-16
Sec. 3, T. 20S, R. 17E.
Grand County, Utah

Well No. Butler Canyon USA #10-3
Sec. 10, T. 20S, R. 17E.
Grand County, Utah

Tenneco Oil Exploration and Production

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6061 South Willow Drive
Englewood, Colorado



May 18, 1982

State of Utah
Natural Resources & Energy
Oil, Gas & Mining
Attn: Cari Furse
4241 State Office Building
Salt Lake City, UT 84114

Dear Ms. Furse:

In regard to your letter of May 6, 1982, Tenneco does not intend to drill the following wells:

LA
~~Middle Canyon Unit 23-16
Sec. 23, T16S, R24E
Grand County, UT~~

~~Middle Canyon Unit 27-12
Sec. 27, T16S, R24E
Grand County, UT~~

~~Sulphur Canyon Unit 17-9
Sec. 17, T18S, R24E
Grand County, UT~~

✓ Butler Canyon USA 3-16
Sec. 3, T20S, R17E
Grand County, UT

✓ Butler Canyon USA 10-3
Sec. 10, T20S, R17E
Grand County, UT

Tenneco plans to drill the following well at a later date:

TOC TXO POGO USA 15-9
Sec. 15, T17S, R24E
Grand County, UT

Sincerely

TENNECO OIL COMPANY

Denise Wilson
Production Analyst

DW:jt

allene

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

December 29, 1982

Tenneco Oil Company
P. O. Box 3249
Englewood, Colorado 80155

Re: Rescind Applications for Permit to
Drill
Well No. 10-3
Section 10, T.20S., R.17E. *LA*
Lease U-47178

Well No. 3-16
Section 3, T.20S., R.17E. *LA*
Lease U-47178
Both in Grand County, Utah

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved on November 10, 1981 and November 20, 1981, respectively. Since that date no known activity has transpired at the approved locations. Under District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced applications without prejudice. If you intend to drill at these locations at a future date, new applications for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of the wells will be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

E. W. Guynn
District Oil & Gas Supervisor

E. W. Guynn
District Oil and Gas Supervisor

bcc: SMA
State O&G ✓
State BLM
Vernal
Well File
APD Control

WPM/kr

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
Tenneco Oil Company
3. ADDRESS OF OPERATOR
Box 3249, Englewood, CO 80155
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 365' FNL, 1757' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)	<input type="checkbox"/>	<input type="checkbox"/>

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that no surface disturbance was made on the above-referenced well-site.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Dennis Wilson TITLE Production Analyst DATE January 10, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: